

FIGURE 1

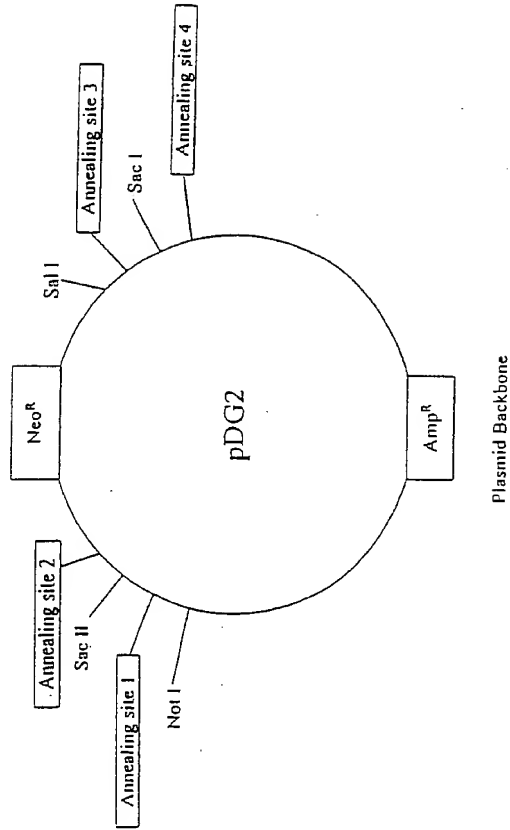


FIGURE 2A

GTTAACACTG TCAAGTGGCA CTTTTCGGGG AAATGTGCGC GGAACCCCTA TTTGTTTATT TTCTTAATA CAITCAAAAT
 TGATATCCGGT CATGAGACAA TAACCCCTGAT AAATGCTTCA ATAAATTGGA AAAAGGGAAGA GTATGAGTAT TCAACATTTC
 CGTGTCGCCCC TTATTCCTCT TTTTTCGGCCA TTTTGCCTTC CTGTTTTTTCG TCACCCAGAA ACAGCTGGTG AAGTAAAAGA
 TGCTGAAGAT CAGTTGGGTG CACGAGTGGG TTACATCGAA CTGGATCTCA ACAGCGGTAA GATCTCTGAG AGTTCTTCGCC
 CGCAAGAACG TTCTCCAATG ATGAGCACTT TTAAGT7TCT GCTATGTGGC GCGGTATTAT CCGCTGTTGA CGCGGGGCAA
 GAGCAACTCG TTGCGCCGAT ACATATTCT CAGAATGACT TGGTTGAGTA CTCAACAGTC ACAGAAAAGC ATCTTACGGGA
 TGGCATGACA GTAAAGAGAT TATGCACTGC TGCCATAACC ATGAGTGATA ACACCTGGCGC CAACTTACTT CTGACAAACGA
 TCGGAGGACC GAAGAGAGCT ACCGCTTTTT TGCAACAAT GGGGGATCAT GTAACTCGCC GTATCTGTGA GGAACCGGAG
 CTGAATGAAG CCATACCAAA CGACGAGCGT GACACCACGA TGCTGTAGC AATGGCAACA ACSTTGCAGA AACTATTAA
 TGGCGAATTA CTATCTTAG TTCCCGGCA ACAATTAATA GACTGGATGG AGCGGATAA AGTTGCAGGA CCACTTCTGC
 GCTCGGCCCT TCGCGCTGGC TGGTTTTATT CTGATAAATC TGGAGCCGGT GAGCGTGGGT CTGCGCGTAT CATTCGACGA
 CTGSGGCCAG ATGATAAGCC ATCCGATATC GTAGTTATCT ACACGACGGG GAGTCAGGCA ACTATGGATG AACGAATAG
 ACAGATCGCT GAGATAGTGG CTTCACTGAT TAAGCATTGG TAACGTGAC ACCAAGTTTA CTCATATATA CTTTAGATTG
 ATTTACCCCG GTTGATAATC AGAAAAGCCC CAAAAACAGG AAGATTGTAT AAGCAAAAT ATAAATTGTA AACGTTAATA
 TTTTGTAAAA ATTCCGCTTA ATTTTTGTTT AAATCAGCTC ATTTTTTAAC CAATAGCCGG AAATCGCGAA AATCCCTTAT
 AAATCAAAAG AATAGCCCGA GATAGGGTTG AGTGTGTTTC CAGTTTGGAA CAAGAGTCCA CAAATCAAGA ACTTGGCTAT
 CACGCTCAAA GGGCGAAAAA CCGTCTATCA GGGCGATGGC CCACTACGTC AACGATCACC CAAATCAAGT TTTTGGGCTG
 CGAGGTGGCG TAAAGCACTA AATCGGAACC CTAAGGGAG CCCCCGATT AGAGCTTGAC GGGGAAGAGG AACGTCGGCA
 TGAAGGAGGG GAAGGAGCGG GCGCTAGGCG GCGTAAAGG ATCTAGGTGA AGATCCTTTT TGATAATCTC ATGACCAAAA
 CCGCGCGCGC TTAATGCGCC GCTACAGGGC GCGTCAAGACC CGTAGAAAAG CTGACAGGAT CTTCTGGTGA TGAGCTTTT
 TCCCTTTAAG TGAATTTTTC TTCCACTGAG GGTCAAGACC TACCAGCGGT GGTTTTTTTC CGGATCAAG AGCTTACCAAC
 TCGCGGTAA TCTGCTGCTT GCAAAACAAA AAACCACCGC TACAGCAGTA CCAAACTACT TTCTTCTAGT GTAGCGGTAG TTAGGCCACC
 TCTTTTTCCG AAGGTAACCT GTTCTCAGCAG AGCGCAGATA CCAAACTACT TTCTTCTAGT GTAGCGGTAG TTAGGCCACC
 ACTTCAAGAA CTCTGTAGCA CCGCTCATAT ACCTCGCTCT GCTAATCCTG TTACAGTGGG CTGCTGCCAG TGGCGATAAG
 TCTGTCTTTA CCGGTTTGA CTCAAGACGA ATAGTTACCG ATAAAGGCGCA GCGGTCCGGC TGAACCGGGT GTTCGTGAC
 ACAGCCCAAG TTGAGCGGAA CGACCTACAC CGAAGTGA TAACCTACAG GTGAGCTATG AGAAGAGCCG ACCTTCCCG
 AAGGGAGAAA TGGCGACAGG TATCCGTTAA CGGCGCAGGT CGGAACAGGA GAGCGCACGA GGGAGCTTCC AGGGGAAAC
 GCTGTGATC TTATAGTACC TGTCGGGTTT CGCCACCTCT GACTTGAGCG TCGATTTTTC TGATGCTCGT CAGGGGGGCG
 GAGCTATGCG AAAACGCCCA GCAACGCGGG CTTTTTACGG TTCTCGGCTT TTCTGCTGGG TGTGTAATG TGAGCGGATA
 AGTTAGCTCA CTATTAGGC ACCCCAGGCT TTACACTTTA TGCTTCCGGC TCGTATGTTG TGTGGAATTG TGAGCGGATA
 ACAATTTTCA ACAGAAACA GCTATGACCA TGATTACGCC AAGCTACGTA ATACGACTCA CTAGCGGGCC GCGTTTAAAC
 AATGTGCTCC TCTTGGGCTT GCTTCCGCGG GCCAAGCCAG ACAAGAACCA GTTGAGCTCA AGCTTCCCGG GAGCGTGTCT
 AGCGGCGCGC CGAATTCCTG CAGGATTGGA GGGCCCTGCG AGGTCAATTG TACCGAGTGA GGGAGGCGCT TTTCCCAAGG
 CAGTCTGGAG CATCGGCTTT AGCAGCCCGC CTGGCACTTG CGGCTACACA AGTGGCTACT GGCCTCGAC ACATTTCCACA
 TCCACCGGTA CGGCCAACCG CTTCGTTCTT TTGGTGGCCC CTTCGGGCCA CTCTCTACT CTCCCTGCT CAGGAAGTTT
 CCCCCTGCCC CGCAGCTCGC GTGCTGACAG ACCTGACAAA TGGAGTAGC ACSTCTCACT AGTCTCGTGC AGATGAGCAG
 CACGCTCGAC CAAATGGAAG GGTAGGCCCT TTGGGGCAGC GSCCAATAGC AGCTTTGCTC AGTCTCTTC TGCGCTCAGA
 GCGTSGAAG GCGTSGGTC GGGGGCGGCG TCAGGGGCGG GCTCAGGGG CGSGCGGGCG CAAAGTCTCT CCGGAGGCC
 GGCATCTCG CACGCTTCAA AAGCGCAGCT CTGCCGCCCT GTTCTCTCT CTCCCTGCTT CCGCTTGGT GGAAGGCTTA TTCCGCTATG
 CAAATGSGGA TCGGCCATTG AACAGATGG ATTGCACGCA GGTTCCTCCG CCGCTTGGT GGAAGGCTTA TTCCGCTATG
 ACTGGGACCA ACAGACAATC GGCTGCTCTG ATGCGCGCGT GTTCCGGCTG TCAGCGCAGG GCGCGCGGCT TCTTTTTCCT
 AAGACCGAAC TTTCGGGTGC CTTGAATGAA CTGACGAGCG AGGCAGCGCG GCTATCTGTTG CTGGCCACGA CGGGCGTTG
 TGTGCGAGCT GTGCTCGACG TTGTCACTGA AGCGGGAAGG GACTGGCTGC TATTTGGGGA AGTGGCGGGG CAGGATCTCC
 TGTCTATCCA CTTTGTCTCT GCGCAGAAAG TATCTCATCT GAGTATGCA ATGCGCGGCG TGCATAGCTG TGATCCGGCT
 ACCTGCCCAT TCGACCAACA AGCGAAACAT CGCATCGAGC GAGCACGTAC TCGGATGGAA CCGGCTCTTG TCGATCAGGA
 TGATCTGGAG GAAGAGCATC AGGGGCTCGC GCCAGCCGAA CTGTTCCGCA GGTCAAGCG CTGATCTGTT CATCGACTGT
 ATCTCGTCTG GACCCATGGC GATGCTGTCT TGCGGAATAT CATGTAACCG TGATATTGCT TTTCTGGATT CATCGACTGT
 GGGCGGCTGG GTGTGCGGGA CCGCTATCAG GACATAGCTG TGCTACCCG TGATATTGCT TTTCTGGATT CATCGACTGT
 GGCATACGCC TTCTCGTCTG TTTACGGTAT CGCCGCTCCC GATTGCGAGC GCATCGCTTT CTATCGCTTT CTTGACGAGT
 TCTTCTGAGG GGAATCGATCC GTCTCTTAAG TCTGCAGAAA TTGATGATCT ATTAACAAT AAAGATGTCC ACTAAAATGG
 AAGTTTTTCC TGTCTACTTT TGTTAAGAAG GGTGAGAA CA GAGTACCTAC ATTTTGAATG GAAGGATTGG AGCTACGGGG
 GTGGGGGTGG GGTGGGATTA GATAAATGCC TGCTCTTTAC TGAAGGCTCT TTACTATTGC TTTATGATAA TGTTCATAG
 TTGGATATCA TAAATTTAAAC AAGCAAAACC AAATTAAGGG CAGCTCATTT CTCTCCACTC ATGATCTATA GATCTATAG
 TCTCTCGTGG GATCATTGTT TTCTCTTGA TTCCCACTTT GTGGTTCTAA GTACTGTGGT TTCCAAATGT GTCAATTTCA
 TAGCCTGAAG AACGAGATCA GCAGCCTCTG TTCCACATAC ACTTCATTCT CAGTATTGTT TTGCCAAGTT CTAATTTCCAT
 CAGAAGCTGA CTCTAGATCT GATACCGGCC AGCTAGGCCG TCGACCTGAG GTGATCAGGT ACCAAGGCTC TGCTCTGTG
 TCCGTTGAGC TCGACGACAC AGGACACGCA AATTAATTA GGCOCGGCCG TACCCTCTAG TCAAGGCTTT AAGTGAAGTC
 TATTACCGAG TGCGCTGTCT TTTTACAAGT CGTACTGGG AAAACCTGG CGTATCCACA CTTAATCGCC TTGCAGCACA
 TCCCCCTTTC GCCAGCTGGC GTAATAGCGA AGAGGCCGCG ACCGATCGCC CTTCACCAAC GTTGGCGCAG CTGAATGGCG
 AATGGCGCTT GCCTTGTGTA TAAAGCCCGC TTGCGCGGCG TTTTTTTT;

FIGURE 2B

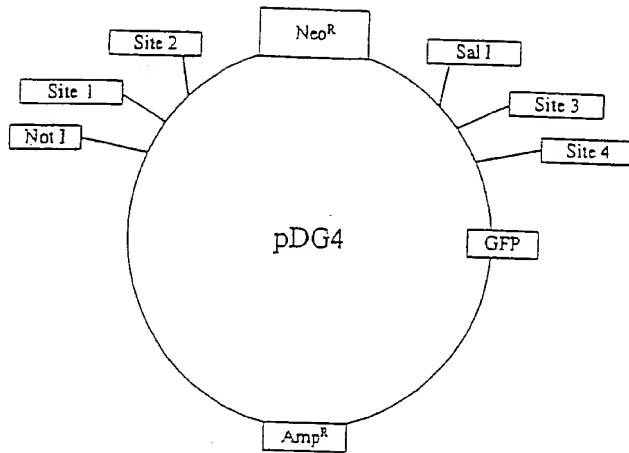


FIGURE 3A

2022091809250

GTTTAATAGT AATCAATTAC GGGGTCACTA GTTCATAGCC CATATATGGA GTTCCGCGTT ACATAAECTA CGGTAAATGG
 CCCGCTCGGC TGACCGGCCA ACACGCCCGC CCCATTGACC TCAATAATGA CGTATGTGCC CATAGTAAGC CCAATAGGGA
 CTTTCCAATG ACCTCAATGG GTGGAGTATT TACGGTAAAC TGCCCACTTG GCAGTACATC AAGTGTATCA TATGCCAAGT
 ACGCCCCCTA TTGACGTCAA TGACGGAAAA TGCCCGCCCT GGCCATTAAAG CCAGTACATG ACCTTATGGG ACTTTCCCTAC
 TTGGCAGTAT ATCTACGTAT TAGTCACTGC TAITACCATG GTGATGCGGT TTTGGCAGTA CATCAATGGG CGTGGATAGC
 GGTTTGACTC ACGGGGATTT CCAAGTCTCC ACCCCATTGA CGTCAATGGG AGTTTGTITT GGCACCAAAA TCAACGGGAC
 TTTCCAAAAT GTCGTAAACA CTCCGCCCA TTGACGCAAA TGCGCGGTAG GCGGTACGG TGCGAGGTCT ATATAAGCAG
 AGCTGGTTTA GTGACCGCTA AGATCCGCTA GCGCTACCG TGCCACCATT GGTGACCAAG GCGCAGGAGC GTTTCACCGG
 CGCTGGTCCCC ATCTGGTCTG AGCTGGACGG CGACGTAAAC TGCGCACCAC CGGCCAAGCT CCCTGSCCCT GGCCCCACCCT CGTGACCACC
 CCAAGCTGACC CAAGCTGACC CTTCAGCCGC TACTCCGACC ACATGAAGCA GCACGACCTC TTCAAAGTCCG CCATGCCCCGA
 CTGACCTACG CCGTGCAGTG CAGGAGCGCA CCATCTTCTT CAAGGACGAC GGCACCTACA AGACCCGCGC CGAGGTGAAG TTCGAGGGCG
 AGGCTAGCTC GAACCGCATC GAGCTGAAGG GCACTGACTT CAAGGAGGAC GGCACATACC TGGGGCAACA GCTGGAGTAC
 AACTACAACA GCCACAACGT CTATATCATG GCGGACAAGC AGAAGAACGG CATCAAGGTG AACCTTCAAGA TCCGCCACAA
 CATCGAGGAC GGCAGCGTGC AGCTCGCCGA CCACTACCAG CAGAACACCC CATCGGGCA CGGCCCGCTG CTGCTGCCCG
 ACAACCACTA CTGTAGGACC CAGTCCGCC TCTCGGCATG GACGAGCTGT TTAAGCAAGA CCCCACOGAG AAGCGGTGAC ACATGGTCTC GCTGGAGTTC
 GTAGCCCGCC CCGGAGTAC TCTCGGCATG GACGAGCTGT TTAAGCAAGA CCCCACOGAG AAGCGGTGAC ACATGGTCTC GCTGGAGTTC
 CATATACAGC CATGACCATC TTGTAGAGGT TTTACTTGCT TTAAGCAAGA CCCCACOGAG AAGCGGTGAC ACATGGTCTC GCTGGAGTTC
 AAATGAATGC AATTGTGTTT GTTAACCTGT TTAATGTCAG TTAATAATGGT TACAATAAAT GCAATAGCAT CACAATTTTC
 ACAAATAAAG CATTTTTC GTTCACTTCT AGTGTGTTT TGTCCAAACT TCCCAACCTT CATCAAGTGA TCTTAAGCGG AACTACGTCA
 GTGGGCACCT TTCCGGGAAA TGTCGCGGGA ACCCCTATT GTTTATTTT TCAAAATACAT TCAAAATATG ATCCGCTCAT
 GAGCAATAAA CCGTGAATAA TGCTTCAATA ATATTGAAA AGGAAGAGTA TGAGTATTTA ACATTTCCTG GTGCGCCTTA
 TTCCCTTTTT TGCGGCATT TTGCTTCTCT TTTTGTCTCA CCCAGAAAGC CTGGTGAAGG TAAAGATCAG TGAAGATCAG
 TTGGGTGACG GAGTGGGTTA CATCGAAGTG GATCTCAACA GCGGTGAAGT CCTTGAGAGT TTTGCCCCG AAGAAGCTTC
 TCCATGATAG AGCACTTTTA AAGTCTGCT ATGTGGCGCG GTATTATCCC GTGTGACGCG CGGGCAAGAG CAACTCGGTG
 CGCGCATACA CTATTCTCAG AATGACTTGG TTGAGTACT ACCAGTACA GAAGAAGTCT TACGAGATGG CATGACATGA
 AGAGAATAT GCGAGCTGCG CATACCATG AGTGAATAA CTGCGGCCAA CTACTCTCTG ACAACGATCG GAGGACCGAA
 GGAGCTAAAC GCTTTTTTTC CAAACAATGG GGATCATGTA ACTCGCTTG ATCTGTCGCT AATGAAGCCA
 TACCACAAGA CAGAGCGTAC ACCACGATGC CTGTAGCAAT GGCACAACG TTGCGCAAACT TATTACTCGG CGAACTACTT
 ACTCTAGCTT CCGCGCAACA ATTAATAGAC AGCGCGTGAG TGAGTGAGG CGGATAAAGT TGCGAGACCA TTCTCGCTCT CGGCCCTTCC
 GGTCTGCTGG TTTATGCTG ATTAATCTGG AGCGCGTGAG CGTGGGTCTC GCGGTATCAT TGACGACTG GGGCGAGATG
 GTAGCCCTTC CCGTATCTGA GTTATCTACA GCACGCGGAG TCAGGCAACT ATGATGAAC GAAATAGACA GATCGCTGAG
 ATAGTGTGCT CACTGATTA GCAATGTGTA CTGTGAGACC AAGTTTACT ATATATACTT TAGATTGATT TACCOCGTT
 GATAATCAAG AAAGCCCCAA AACACGGAAG ATTGTATAAG CAAATATTTA AATTGTAAAC GTTAATATTT TGTAAAAAT
 CGCGTTAAGT TTTTGTAA TCAAGCTCAT TTTTAACCAA TAGGCCGAAA TGCGCAAAAT CCCTTATATA TCAAAAAGAT
 AGCCCGAGAT AGGGTTGAGT GTTGTTCGAG TTTGGAACAA GAGTCCACTA TTAAGAAAGT TGGACTCCAA CGTCAAAGGG
 CGAAAAACGG TATATCAGGG CGATGGCCCCA CTACGTGAAC CATACCCCA ATCAAAATTT TTGGGGTGA GGTGCGCTAA
 AGCACTAAAT CGGAACCCTA AAGGGAGCCC CCGATTTAGA GCTTGACGCG GAAAGCGAAC GTGGCGAGAA AGGAAGGGAA
 GAAAGCGAAA GGAGCGGGCG ATAGGGCGCT GGCACAGTGA GCGGTACGCG TGCGGTAAAC CACCACACCC GCGCGCTTFA
 ATGCGCGCGT ACAGGGCGCG TAAAGGATC TAGGTGAAGA TCCTTTITGA TAATCTCATG ACCAAAACTC CTTAACGTGA
 GTTTTGTGTT CACTGAGCGT CAGACCCCGT AGAAAAAGATC AAAGGATCTT CTTGAGATCC TTTTTTCTG CGCGTAATCT
 GGTGCTGCA AACAAAAAAA CCACCGCTAC CAGCGGTGTT TTGTTTGGC GATCAAGAGC TACCAACTCT TTTTCCGAAG
 GTTAAGTCTG AAGACGATAG TTACCGGATA AATACTGTTT TTCTAGTGA GCGGTAGTGA GGCCACCCT TCAAGAACTC
 TGTAGCACCG CCTACATACC TCGCTCTGCT AATCTGTTA CCAATGGCTG CTGCGAGTGG CGATAAGTGG TGTCTTACCG
 GGTGGACTC AAGACGATAG AGGCGCAGCG GTCCGGCTGA ACGGGGGTTT CGTGACACA GCGCCAGCTTG
 GAGCGAACGA CCTACACCGA ACTGAGATAC CTACAGCGTG AGCTATGAGA AAGCGCCAGC CTTCCGGAAG GGAGAAAGGC
 GGACAGGTAT CGGGTTTTCG CACCTCTGAC TTGAGCGTGC ATTTTGTGA TGCTCGTCA GGGGGCGGAG CCTATGGAAA
 AACCGCAGCA ACGCGGCTT TTTACGGTTC CTGCGCTTTT GCTGGCTTT TGCTCACATG TAATGTGAGT TAGCTCACTC
 ATTAGCGACC CAGGCTTTTA CACTTTATGC TTCCGGCTCC TATGTTGTGT GGAATGTGA GCGGATAACA ATTTACACA
 GGAACAGCT ATGACCATGA TTACGCCAAG CTACGTAATA GACTCACTA GCGCTCAAGC TTCCCGGAGC GCGGTCTAGC GGCGCGCGCA
 TTGGCTTGCT TCCGCGGGCC AAGCCAGACA AGAACCAAGT GACGTCAAGC TTCCCGGAGC GCGGTCTAGC GGCGCGCGCA
 ATTCTGCGAG GATTCGAGGG ACCCTGCAAG TCAATTCTAC CCGGTAGGGG AGGCGCTTTT CCGAAGGCACT CTCGAGCAT
 CGGCTTTAGC AGCCCGCTG GCACTTGGCG CTACACAAGT GGCCTCTGCG CCGGACATGA TTCCACATCC ACCGGTAGCG
 CCAACCGGCT CCGTCTCTTG TGCGCCCTT CTGCTGCTC TCTACTCTC CTCTAGTCA GAAAGTCTCC CCGGCCCGC
 AGCTGCGCTC GTGACGAGC TGACAAATGG AAGTAGCAG TCTCACTAGT CTCTGTCAGA TGGACAGCA CCGTGAAGCA
 TGGAAAGCGG TAGGCTTTTG GGCAGCGCG CAAATAGCAG TTTGCTCTTT CGCTTTCTGG GCTCAGAGGC TGGGAAGGGG

FIGURE 3B1

TGGGTCCGGG GGC GGCTCA GGGGCGGCT CAGGGGCGG GCGGGGCGGA AGGTCTCTCC GAGGCCCGGC ATTCTCGCAC
 GCTTCAAAAG GCACGCTCTG CCGCGCTGTT CTCTCTTTCC TCATCTCCGG GCCTTTTCGAC CTGCAGCCAA TATGGGATCG
 GCCATTGAAC AAGATGGATT GCACGCAGGT TCTCCGGCCG CTGGGTGGA GAGGCTATTC GGCTATGACT GGGCACAACA
 GACAACTCGC TGCTCTGATG CCGCGTGTT CCGGCTGTCA GCGCAGGGGG GCCCGGTTCT TTTTGTCAAG ACCGACCTGT
 CCGGTGCCCT GAATGAACTG CAGGACGAGS CAGCGCGGCT ATCGTGGCTG GCCACGACGG GCGTTCCTTG CGCAGCTGTG
 CTGCACGTTG TCACTGAAGC GGGAGGGGAC TGGCTGCTAT TGGGCGAAGT GCCGGGGCAG GATCTCCTGT CATCTCACCT
 TGCTCCTGCC GAGAAAGTAT CCATCATGGC TGATGCAATG CCGCGGCTGC ATACGCTTGA TCCGGCTACC TGCCCATTCG
 ACCACCAAGC GAAACATCGC ATCGAGCGAG CACGTACTCG GATGGAAGCC GGTCTTGTCG ATCAGGATGA TCTGGACGAA
 GAGCATCAGG GGCTCGGCCC AGCCGAACTG TTCGCCAGGC TCAAGGCGCG CATGCCCGAC GGCATGATC TCGTCGTGAC
 CCATGGCGAT GCCTGCTTGC CGAATATCAT GGTGGAAAAT GGC CGCTTTT CTGGATTCACT CGACTGTGGC CGGCTGGGTG
 TGGCGSACCG CTATCAGSAC ATAGCGTTGG CTACCGTGA TATTGCTGAA GAGCTTGGCG GCGAATGGGC TGACCGCTTC
 TCGATCCCTT ACGGTATCGC CGCTCCCGAT TCGCAGCGCA TCGCCTTCTA TCGCCTTCTT GACGAGTTCT TCTGAGGGGA
 TCGATCGGTC CTGTAAGTCT GCAGAAATTG ATGATCTATT AAACAATAAA GATGTCCACT AAAATGGAAG TTTTTCCTGT
 CATACTTTGT TAAGAAGGGT GAGAACAGAG TACCTACATT TTGAATGAAA GGATTTGAGC TACGGGGGTG GGGGTGGGTG
 GGGATTAGAT AAATGCCCTG TCTTTACTGA AGGCTCTTTA CTATTGCTTT ATGATAATGT TTCAATGTTG GATATCATAA
 TTTAAACAAG CAAACCAA TTAAGGGCCA GCTCATCTCT CCCACTCATG ATCTATAGAT CTATAGATCT CTCTGGGGAT
 CATTTGTTTT CTCTGATTG CCACITTTGT GTTCTAAGTA CTGTGGTTTC CAAATGTGTC AGTTTCATAG CCTGAAGAAC
 GAGATCAGCA GCCTCTGTTG CACATACACT TCATTCTCAG TATTGTTTTG CCAAGTTCTA ATTCCATCAG AAGCTGACTC
 TAGATCTGGA TCCGGCCAGC TAGGCGCTCG ACCTCGAGTG ATCAGGTACC AAGGTCCTCG CTCTGTGTCC GTTGAGCTCG
 ACGACACAGG ACACGCAAAT TAATTAAAGC CGGCCCGTAC CCTCTAGTCA AGGCCTTAAG TGAGTCGTAT TACGGACTGG
 CCGTCGTTTT ACAACGTCGT GACTGGAAGA ACCCTGGCGT TACCCAACTT AATCGCCTTG CAGCACATCC CCCTTTTCGCC
 AGCTGGCGTA ATAGCGAAGA GGGCCGCACC GATCGCCCTT CCCAACAGTT GCGCAGCCTG AATGGCGAAT GGCCTTTCGC
 TTGGTAATAA AGCCCGCTTC GGGCGGCTTT TTTTT

FIGURE 3B2

Annealing site	Sequence	Sequence after digestion
1	5' tgtgtctctctttggctgtcttccaa... 3' 3' acacgaggagaaaccgaacgaaggtt... 5'	5' tgtgtctctctttggctgtcttccaa... 3' 3' tt... 5'
2	5' ctggttctgtctggcttggcccaa... 3' 3' gaccaagaacagaccgaaccgggtt... 5'	5' ctggttctgtctggcttggcccaa... 3' 3' tt... 5'
3	5' ggctctcgctctgtgtccgttgaa... 3' 3' ccaggagcgagacacagggcaactt... 5'	5' ggctctcgctctgtgtccgttgaa... 3' 3' tt... 5'
4	5' ttgctgtctctgtgtcgtcgaa... 3' 3' aaacgcacaggacacagcagctt... 5'	5' ttgctgtctctgtgtcgtcgaa... 3' 3' tt... 5'

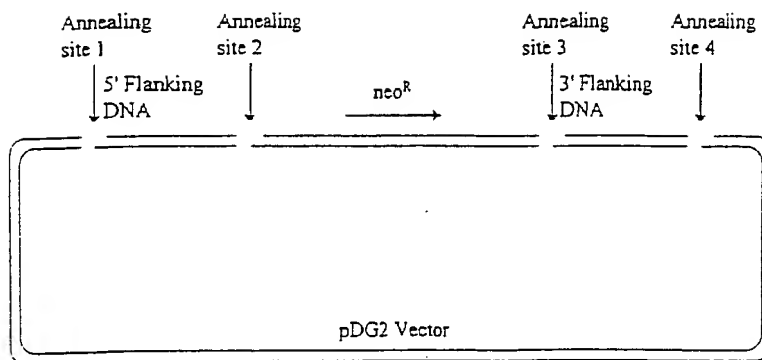
FIGURE 4

Anneling site	Sequence	Sequence after digestion
1	5' AAtgtgctcctcttttggttgcttCCGC 3' 3' Ttacagaggagaaccggaacgaag 5'	5' AA 3' 3' Ttacagaggagaaccggaacgaag 5'
2	5' AActggttcttctgctggcttgCCCCC 3' 3' Ttgaccaagaacagaccgaaccggg 5'	5' AA 3' 3' Ttgaccaagaacagaccgaaccggg 5'
3	5' AAggtctctcgctctgtgtccggttGAGCT 3' 3' Ttccaggagcgagacacaggcaac 5'	5' AA 3' 3' Ttccaggagcgagacacaggcaac 5'
4	5' AAttgcggtgctctgtgtcgtcGAGCT 3' 3' Ttaaacgcacaggacacacagcagc 5'	5' AA 3' 3' Ttaaacgcacaggacacacagcagc 5'

FIGURE 5

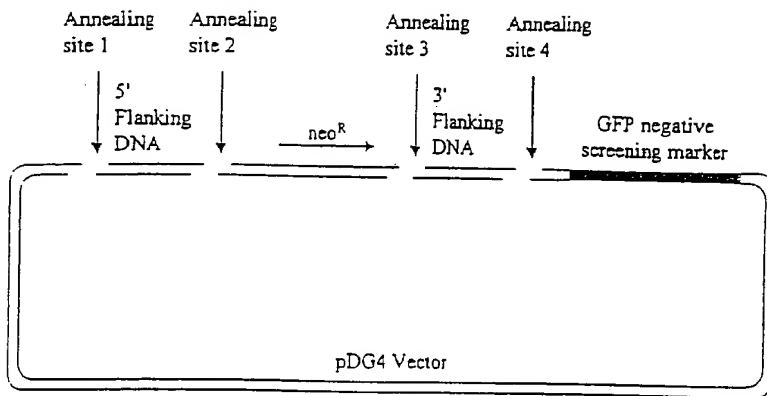
9/11

FIGURE 6



10/11

FIGURE 7



Oligo#	Sequence (5' to 3')
174	ATGACCGCTCAGGAAACCTGTTGCA
180	ATAGGCATAGTAGGCCAGCTTGAGG
454	tgtgctcctctttggcttgcttccAATTAACCCCTCACTAAAGGGAACGAAT
463	ctgggttcttgtctggcttggcccaaTGCAACAGGTTTCTGAGCGGTCAT
464	ggctcctcgctctgtgtccggttgaaCCTCAAGCTGGCCTACTATGCCTAT
42	tttgcggtgctcctgtgtcggtcgaaCGACTAATACGACTCACTATAGGGCG
151	GCCAATGGACTCTTAGTTTTGGAAC
155	GTTCTGGCAAACAAATTCGGCGCAC
454	tgtgctcctctttggcttgcttccAATTAACCCCTCACTAAAGGGAACGAAT
465	ctgggttcttgtctggcttggcccaaGTTCCAAACTAAGAGTCCATTGGC
466	ggctcctcgctctgtgtccggttgaaGTGCGCCGAATTTGTTTGCCAGAAC
1	GAACCTTGGTGTGCCAAGTTACTTC
2	GAACCTTGGCTGAACCCCTTGTCT
41	tgtgctcctctttggcttgcttgaCGACTAATACGACTCACTATAGGGCG
38	ctgggttcttgtctggcttggcccaaGAAGTAACTTGGCACACCAAGGTTT
40	ggctcctcgctctgtgtccggttgaaAGAACAAGGGGTTAGCCAAAGTTC
37	tttgcggtgctcctgtgtcggtcgAATTAACCCCTCACTAAAGGGAACGAAT
540	ATGCCGGATCTCCTACTACTGGGCC
546	TGTCATAGTAGACAGCGATGGAACG
445	GACAAGAACCAGTTGACGTCAAGCTTCCCGGGACGCGTGTAGCGGCGCGCCG
667	ctgggttcttgtctggcttggcccaaGGCCAGTAGTAGGAGATCCGGCAT
668	ggctcctcgctctgtgtccggttgaaCGTTCATCGCTGTCTACTATGACA
907	ctgggttcttgtctggcttggcccaaAAAGCCGACAGCCACGCTCACAAGC
908	ggctcctcgctctgtgtccggttgaaGCCCAATGCCACAGAGACAGAATGT
1157	ctgggttcttgtctggcttggcccaaGTTGGATCCTCTCCAAGGCCCATCT
1158	ggctcctcgctctgtgtccggttgaaCTCCAGTGCCGAGTGTGTGGGGACAG

Figure 8